

1600

## RAW SEQUENCE LISTING

DATE: 08/28/2001

PATENT APPLICATION: US/09/530,746A

TIME: 08:01:02

Input Set : A:\1803-277-999.txt

Output Set: N:\CRF3\08282001\I530746A.raw

ENTERED

4 <110> APPLICANT: Kessler, Christoph  
5     Haberhausen, Gerd  
6     Bartl, Knut  
7     Orum, Henrik  
9 <120> TITLE OF INVENTION: SPECIFIC AND SENSITIVE METHOD FOR DETECTING NUCLEIC ACIDS  
12 <130> FILE REFERENCE: 4817/OQ  
C--> 14 <140> CURRENT APPLICATION NUMBER: US/09/530,746A  
C--> 15 <141> CURRENT FILING DATE: 2000-11-16  
17 <160> NUMBER OF SEQ ID NOS: 94  
19 <170> SOFTWARE: PatentIn Version 3.1  
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24 <213> ORGANISM: Artificial Sequence  
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70 <211> LENGTH: 12  
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78 ctccagacc cc 12
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86 <400> SEQUENCE: 6
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90 <210> SEQ ID NO: 7
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92 <212> TYPE: DNA
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99 <210> SEQ ID NO: 8
100 <211> LENGTH: 59
101 <212> TYPE: DNA
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104 <400> SEQUENCE: 8
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Input Set : A:\1803-277-999.txt

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260 <223> OTHER INFORMATION: n=i
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276 <222> LOCATION: 19
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Input Set : A:\1803-277-999.txt

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293 <222> LOCATION: 11,19  
 294 <223> OTHER INFORMATION: n=i  
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 305 <220> FEATURE:  
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 W-> 309 <221> **NAME/KEY: modified base**  
 310 <222> LOCATION: 11,19  
 311 <223> OTHER INFORMATION: n=i  
 313 <400> SEQUENCE: 24  
 W-> 314 **cgtamtgmmt natagggtnm t** 21  
 317 <210> SEQ ID NO: 25  
 318 <211> LENGTH: 23  
 319 <212> TYPE: DNA  
 320 <213> ORGANISM: Artificial Sequence  
 322 <220> FEATURE:  
 323 <223> OTHER INFORMATION: amplification primer  
 325 <220> FEATURE:  
 W-> 326 <221> **NAME/KEY: modified base**  
 327 <222> LOCATION: 19  
 328 <223> OTHER INFORMATION: n=i  
 330 <220> FEATURE:  
 W-> 331 <221> **NAME/KEY: modified base**  
 332 <222> LOCATION: 6,8,9  
 333 <223> OTHER INFORMATION: n=p  
 335 <400> SEQUENCE: 25  
 W-> 336 **gmatgnkna mggtmtmdmnd gdm** 23  
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 341 <212> TYPE: DNA  
 342 <213> ORGANISM: Artificial Sequence  
 344 <220> FEATURE:  
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 W-> 348 <221> **NAME/KEY: modified base**  
 349 <222> LOCATION: 11,19  
 350 <223> OTHER INFORMATION: n=i  
 353 <400> SEQUENCE: 26  
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 357 <210> SEQ ID NO: 27  
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 359 <212> TYPE: DNA  
 360 <213> ORGANISM: Artificial Sequence  
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## VERIFICATION SUMMARY

DATE: 08/28/2001

PATENT APPLICATION: US/09/530,746A

TIME: 08:01:04

Input Set : A:\1803-277-999.txt

Output Set: N:\CRF3\08282001\I530746A.raw

L:14 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:258 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:21  
L:263 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21  
L:275 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:22  
L:280 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22  
L:292 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:23  
L:297 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23  
L:309 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:24  
L:314 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24  
L:326 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:25  
L:331 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:25  
L:336 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25  
L:348 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:26  
L:354 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26  
L:378 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:28  
L:384 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28  
L:396 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:29  
L:402 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29  
L:415 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:30  
L:420 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30  
L:432 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:31  
L:437 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:31  
L:443 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31  
L:455 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:32  
L:461 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:32  
L:466 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32  
L:502 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:35  
L:507 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35  
L:519 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:36  
L:524 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36  
L:536 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:37  
L:541 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:37  
L:547 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37  
L:559 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:38  
L:564 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:38  
L:569 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38  
L:581 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:39  
L:586 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39  
L:599 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:40  
L:604 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:40  
L:609 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40  
L:621 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:41  
L:626 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:41  
L:631 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41  
L:655 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:43  
L:660 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43  
L:672 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:44

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L:677 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44  
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L:696 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:45  
L:702 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45  
L:726 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:47  
L:731 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47  
L:743 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:48  
L:748 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48  
L:760 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:49  
L:765 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:49  
L:770 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49